**What Is Claimed Is:**

1       1.    A    system    of    device    information    management,
2    comprising:
3         an  application  device  including  a  RAM  (Random-Access
4              Memory); and
5         a BIOS (Basic Input/Output System) ROM (Read-Only Memory)
6              including  a  BIOS  and  implementing  a  specific  data
7              structure  to  store  device  information  for  said
8              application  device.

1       2.    The system of device information management as claimed
2    in claim 1, wherein when said computer system boots, said BIOS
3    reads device information, and writes into said RAM.

1       3.    The system of device information management as claimed
2    in  claim  2,  wherein  said  application  device  loads  device
3    information from said RAM.

1       4.    The system of device information management as claimed
2    in claim 1 further comprising a device driver corresponding to
3    said application device to update device information in said BIOS
4    ROM using a standard function call.

1       5.    The system of device information management as claimed
2    in  claim  4,  wherein  said  BIOS  writes  said  updated  device
3    information into said RAM.

1       6.    The system of device information management as claimed
2    in claim 5, wherein said application device loads said updated
3    device information from said RAM.

1  7.   The system of device information management as claimed

2  in claim 1, wherein said specific data structure is a DMI (Desktop

3  Management Interface) data structure.

1  8.   The system of device information management as claimed

2  in claim 4, wherein said standard function call is a BIOS PNP

3  (Plug and Play) function call.

1  9.   The system of device information management as claimed

2  in claim 1, wherein said application device is a LAN (Local Area

3  Network) chip.

1  10.   The system of device information management as claimed

2  in claim 1, wherein said application device is an IEEE 1394 chip.

1  11.   The system of device information management as claimed

2  in claim 1, wherein device information is a PHY ID (Physical

3  Identification).

1  12.   The system of device information management as claimed

2  in claim 1, wherein device information is a MAC (Media Access

3  Control) address.

1  13.   A method of device information management, comprising

2  steps of:

3     providing an application device including a RAM

4        (Random-Access Memory);

5     providing a BIOS (Basic Input/Output System) ROM (Read-Only

6        Memory) including a BIOS; and

7     implementing a specific data structure to said BIOS ROM to

8        store device information of said application device.

1    14.    The method of device information management as claimed
2    in claim 13 further comprising reading of device information,
3    and writing thereof to said RAM by said BIOS when said computer
4    system boots.

1    15.    The method of device information management as claimed
2    in claim 14 further comprising loading of device information from
3    said RAM by said application device.

1    16.    The method of device information management as claimed
2    in claim 13 further comprising update of device information in
3    said BIOS ROM using a standard function call by a device driver
4    corresponding to said application device.

1    17.    The method of device information management as claimed
2    in claim 16 further comprising writing of said updated device
3    information to said RAM by said BIOS.

1    18.    The method of device information management as claimed
2    in claim 17 further comprising loading of said updated device
3    information from said RAM by said application device.

1    19.    The method of device information management as claimed
2    in claim 13, wherein said specific data structure is a DMI
3    (Desktop Management Interface) data structure.

1    20.    The method of device information management as claimed
2    in claim 16, wherein said standard function call is a BIOS PNP
3    (Plug and Play) function call.

1       21.    The method of device information management as claimed

2   in claim 13, wherein said application device is a LAN (Local Area

3   Network) chip.

1       22.    The method of device information management as claimed

2   in claim 13, wherein said application device is an IEEE 1394 chip.

1       23.    The method of device information management as claimed

2   in claim 13, wherein device information is a PHY ID (Physical

3   Identification).

1       24.    The method of device information management as claimed

2   in claim 13, wherein device information is a MAC (Media Access

3   Control) address.